Use of Municipal *waste* in Road , Development

81K. SHRI V. RAJESHWAR RAO:

DR. SHRIKANT RAM CHANDRA JICHKAR:

Will the Minister of SURFACE TRANSPORT be pleased to state:

(a) whether the Central Road Research Institute, Delhi had done some research on the use of municipal solid waste in road development;

(b) if so, whether they have prepared and submitted any report on this; and

(c) if so, what are the salient features of this finding?

THE MINISTER OF STATE OF THE MINISTRY OF SURFACE TRANS PORT (SHRI JAGDISH TYTLER): (a) Yes, Sir. Central Road Research Institute (CRRI) has undertaken a research project on the "Use of Municipal solid waste in Road construction' sponsored by the Ministry of Environment and Forests, in March 1993

(b) CRRI have Sistmatted the first inerim report on the variability in engineering characteristics of municipal waste from compost plant, in February 1994 to the Ministry of Environment anti Forests. The second interim report (under finalisation) covers the use of municipal wastes with different additives for making them suitable for use in road sub-bases and embankments .

(c) CRRI has carried out sample tests of sub-grade soils and other locally available materials for developing specification for the experimental test tracks. They have indicated that the engineering properties of the municipal sblid wastes could be improved through stabilisation with local soil, cement or line flyash, and it could serve as an alternate mtterial for lower layers of the road pavement and embankments.

Privatisation of new Infrastructure of Tuticorin Port

8115. SHRI S. AUSTIN: Will the Minister of SURFACE TRANSPORT be pleased to state:

(a) whether the Central Government have any proposal to privatise new infrastructure, involving major investments and advanced technology, in Tuticorin Port. Tamil Nadu;

(b) if so, the details thereof;

(c) whether there is also a proposal to creoce an *outer* harhour and the seventh cargo berth at the port*,

(d) if so, the details thereof; and

(e) the expenditure likely to be incurred thereon?

THE MINISTER OF STATE OF THE MINISTRY OF SURFACE TRANSPORT (SHRI JAGDISH TYTLER): (a) and (b) Central Government have issued instruction to all Major Ports including Tutricorin Port Trust to explore the possibility for private invesment in Port infrastructure. In pursuance of this order, Tuticorin Port Trust has issued press advertisement seeking private participation. Tuticorin Port has received some positive response from private to htiss advertisement.

(c) to (e) Central Government have already sanctioned 7th Cargo berth at an estimated cost of Rs. 23.6 crores. Due to count case it's execution has been kept in abeyance. The creation of an

outer harbour at Tuticorin Port is included in its perspective plan. No concrete proposal for its creation has been received by the Government in this regard.

Expansion of National Highways in Tamil Nadu

8116. SHRI S. AUSTIN: Will the Minister of SURFACE TRANSPORT be pleased to state:

(a) the amount spent during 1994-95 for the expansion of national highways in Tamil Nadu: and

(b) the expansion projects to be taken up during 1995-96 and funds allotted for the same?

THE MINISTER OF STATE OF THE MINISTRY OF SURFACE TRANSPORT (SHRI JAGDISH TYTLER): (a) The amount allocated for development of National Highways in Tamil Nadu during 1994-95 was Rs. 2589.50 lakh.

(b) It is too early to indicate the projects to be taken up and funds to be allocated at this stage.

Construction of a Bridge on National Highway-6

8117. SHRI S. AUSTIN: Will the Minister of SURFACE TRANSPORT be pleased to state:

(a) whether the project for construction *of* a bridge on ths Naitonal Hifh-way-6 near Pithora is be set with any problems;

lb) if so, the details thereof and the reasons therefor, and

(c) the steps taken or proposed to be taken to resolve it?

THE MINISTER OF STATE OF THE MINISTRY OF SURFACE TRANSPORT (SHRI JAGDISH TYTLER): (a) to (c) No, Sir. The proposal for construction of Tonk Bridge near Pithora, at Km. 156/10 on NH-6, is included in the 8th Plan. The revised proposal in this regard is awaited from the State P.W.D.

गुजरात में प्रमुख पत्तनों के विकास के लिए धनराशि का आबंटन

8118. श्री गोपाल सिंह जी० सोलंकी : क्या जल-भूतल परिवहन मंत्री यह बताने की कृपा करेंगे कि :

(क) क्या गत तीन वर्षों के दौरान गुजरात के प्रमुख पत्तनों, कांडला, जामनगर, पोरबन्दर, भावनगर, वैरावल, वाडी नगर, मंगरोल और दहेज के विकास हेतु कोई धनराशि आवंटित की गई है ;

(ख) यदि हां, तो इस संबंध में पत्तन-वार ब्यौरा क्या है ;

(ग) क्या विश्व बैंक अथवा एशियाई विकास बैंक ने गुजरात के अन्य पत्तनों के विकास के लिए धनराशि प्रदान की है या धनराशि प्रदान करने का कोई आश्वासन दिया है ; और

(घ) यदि हां, तो तत्संबंधी ब्यौरा क्या है ?

जल-भूतल परिवहन मंत्रालय के राज्य मंत्री (श्री जगदीश टाइटलर) : (क) और (ख) गुजरात राज्य में कांडला महापत्तन, केन्द्र सरकार के अधिकार क्षेत्र में आता है जबकि मध्यम और लघु पत्तन परियोजनाओं का वित्त पोषण राज्य योजना के अन्तर्गत किया जाता है। पिछले तीन वर्षों के दौरान कांडला पत्तन की सभी विकास संबंधी स्कीमों का वित्त पोषण इसके आन्तरिक संसाधनों से ही किया जाना है। वर्ष 1992-93, 1993-94 और 1994-95 के दौरान कांडला पत्तन के लिए अनुमोदित योजना परिव्यय क्रमशः 40.00 करोड़ रुपये 37.78 करोड़ रु० और 30.00 करोड़ रु० है। जहां तक लघु पत्तनों का संबंध है, योजना आयोग राज्य पत्तन क्षेत्र के लिये समग्र रूप से परिव्यय